

The eye as a miRror

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Propositions belonging to

The eye as a miRror: targeting microRNAs in ocular pathologies

To be defended by Quentin Roblain

1. Diabetic retinopathy (DR) and age-related macular degeneration (AMD) are regulated by a microRNA network (this thesis).
2. There is still a lack of accessible animal model of DR that reflects all the stages of this disease (this thesis).
3. MiR-142-3p is a CNV lesion specific microRNA and a modulator of both angiogenesis and inflammation during choroidal neovascularization (this thesis).
4. Inhibition of microglia activation could be used as a strategy for the development of new drug for AMD treatment (this thesis).
5. MicroRNAs are promising therapeutic targets for the development of new drug for the treatment of advanced DR and neovascular AMD (this thesis).
6. Basic research is like shooting an arrow in the air and, where it lands, painting a target (Homer Burton Adkins).
7. It is a strange fancy to suppose that science can bring reason to an irrational world, when all it can ever do is give another twist to a normal madness (John Gray).
8. I know that I know nothing (Socrates).